

# PROJECT MOON RECORD CARD

28 Jul 52

STATION SAN PABLO, CALIF

## 1. TYPE OF OBSERVATION

28/0501 PDT

XX (Ground-Visual)

Ground-Radar

28/1201 Z

Ground-Audio

Acoustic Intercept Radar

COURSE

2 Civilian Men

XX

1 min.

1

10. OBSERVER'S NAME (Last, First, Middle)

11. COMMENTS

Reddish-yellow light flew straight course.

1. Naval a/c at 20000' in immediate area



COUNTRY <b>United States</b>	REPORT NO. <b>IR-22-52W</b>	(LEAVE BLANK)
<b>AIR INTELLIGENCE INFORMATION REPORT</b>		
SUBJECT <b>Unidentified Flying Objects (Short Title: FLYOBRPT)</b>		
AREA REPORTED ON <b>Central California</b>	FROM (Agency) <b>Dir. of Intel. 28 AD, Hamilton AFB, Calif.</b>	
DATE OF REPORT <b>4 August 1952</b>	DATE OF INFORMATION <b>28 July 1952</b>	EVALUATION <b>C-3</b>
PREPARED BY (Officer) <b>Capt. ORVILLE E. BIXEL</b>	SOURCE <b>Dir. of Intelligence Ground Observer</b>	
REFERENCES (Control number, direction, previous report, etc., as applicable) <b>TWX 28th OID 2320 FLYOBRPT, 28 July 1952</b>		

SUMMARY: (Enter concise summary of report. Give significance in final one-sentence paragraph. List inclosures at lower left. Begin text of report on AF Form 112—Part II.)

One unidentified object was observed visually for a period of approximately one minute at 0501 Pacific Daylight Time, 28 July 1952. The object was described by observers as being star shaped but like a bulb. Object was reddish-yellow in color and traveling at an estimated speed of 150 M.P.H. at an altitude between 10,000 - 15,000 feet. Object was on a heading of about 280 degrees. One of the observers said the unidentified object may have been an aircraft with landing lights on. No sound was heard coming from the unidentified object.

The observers were located at the G.O.C. Post in Novato, Calif. at the time of the sighting. The observers were: Lt. Grover C. Owens (USAF retired), telephone no. Novato 55R and Mr. Phillip Tuckett, telephone no. Novato 99R.

The Weather Officer, 28th Air Division (Det) reported the weather in the Novato area as clear with 10 miles visibility. Winds at 10,000 ft. were 040° at 7 knots. At 20,000 ft. winds were 130° at 7 knots.

Information from the Control Center, 28th Air Division, indicated that a Navy fighter was in the immediate area of the reported sighting at 20,000 ft. at the time of the sighting.

No physical evidence of the sighting was reported. No identification action was taken.

#### Comments of Preparing Officer:

Since one of the observers was of the opinion that the sighting was an aircraft in the area and since a Navy fighter was known to be in the area of the sighting at that time, it is believed that this sighting was an aircraft in the area.

*Orville E. Bixel*

ORVILLE E. BIXEL  
Captain USAF  
Director of Intelligence

INCL 3

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1 copy Chief, Air Technical Intelligence Center  
ATTN: ATIAA-2c Wright-Patterson AFB, Ohio

7-3719



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JUL 1962 15 03

1962 JUL 23 15 03

BM

ATIC  
1962 JUL 23 15 03

ACTION

RE011

WPE034E

YDB023T

XYA050

XDC030

JWPML 034

RR JEPHQ JEDWP JEDEN 333

DE JWPML 34F

R 281314Z

FM CG 28TH ADD HAFB CALIF

TO JEPHQ/CG HQS USAF WASHINGTON 25 D C

JEDWP/CG WRIGHT-PATTERSON AFB DAYTON OHIO

JEDEN/CG ENT AFB COLO

ZEN/CG WADF HAFB CALIF

[REDACTED] 2801D 2320 FLYOBRPT. ATTN: DIRECTOR OF  
INTELLIGENCE. JEDWP ATTN: ATIAA-2C.

(1) ONE OBJECT, STAR-SHAPED OBJECT MORE LIKE A BULB, REDDISH YELLOW  
IN COLOR. 150 MPH; NO SOUND, FLEW STRAIGHT COURSE AT SEA LEVEL.

(2) 0501 PDT 23 JULY 1962 OBSERVED FOR ONE MINUTE.

(3) VISUAL FROM GROUND.

(4) LOCATION OF OBSERVER WAS NJ 2606, NEAR SAN RAFAEL, CALIF.

(5) OBSERVERS: LT. GROVER CLEVELAND OWENS (RET)

CHIEF OF STAFF, HAFB CALIF

ACTION



(6) CLEAR 10 MILES VIS

(7) NAVY FTRS FREQUENTLY THROW OFF AN ORANGE EXHAUST.

(8) NONE

(9) NONE

(10) NAVY FTR AT 20,000 FT.

28/1350Z JUL JWPML

*cy 1*

WABMT 327

XBC020

XIV020

AD0321

AB0321

0507-1

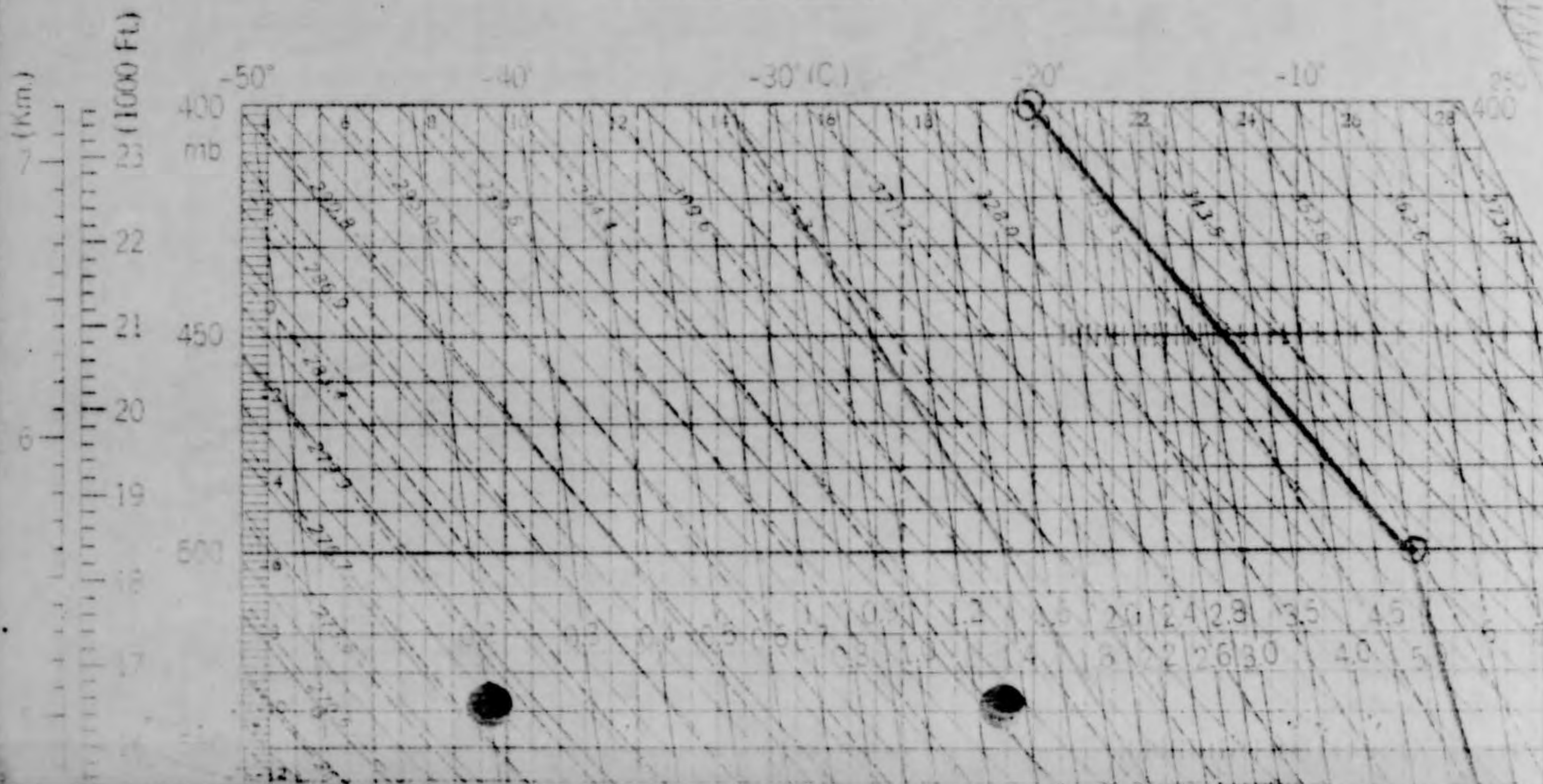
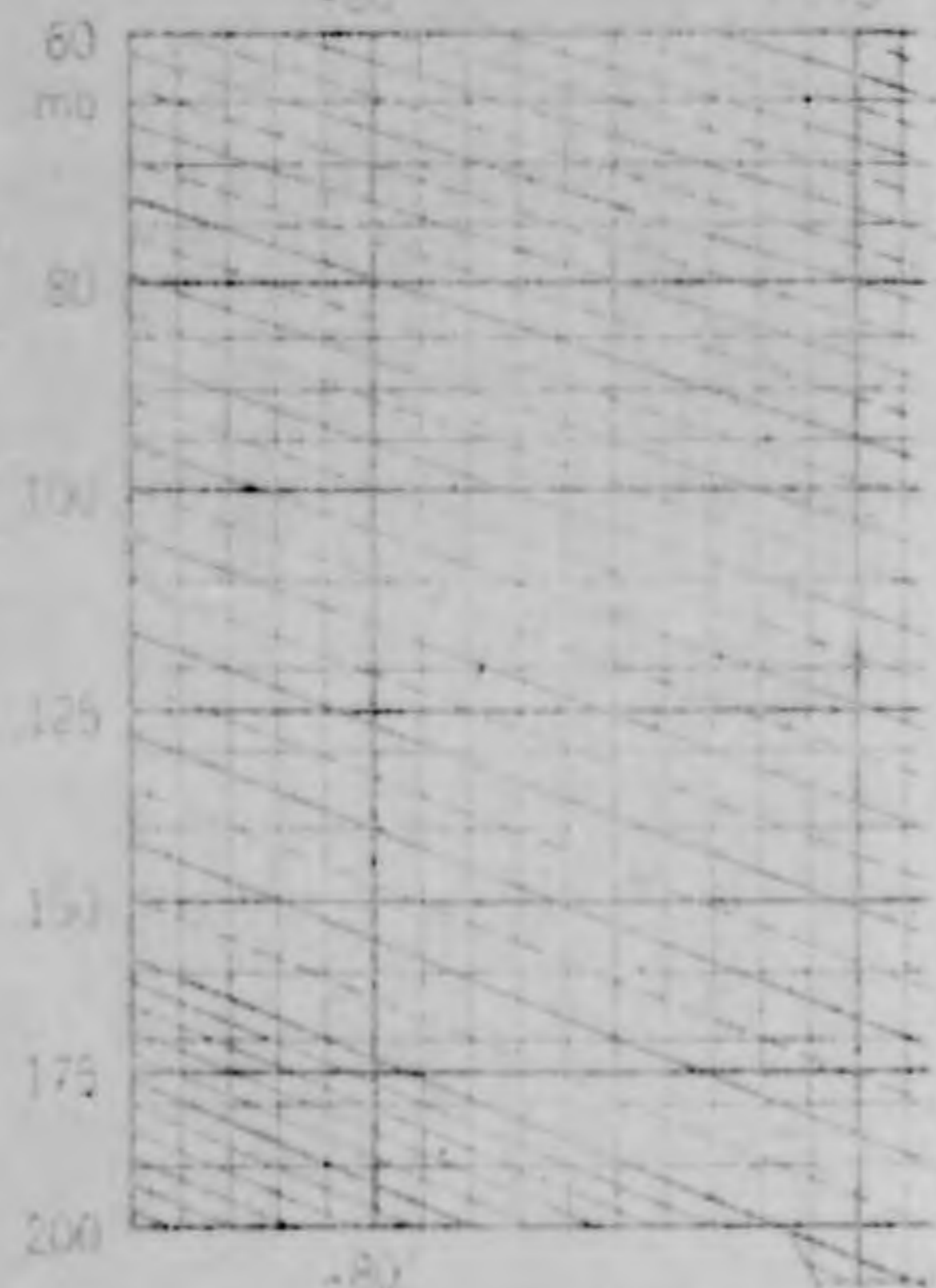


# PSEUDO-ADIABATIC DIAGRAM

CHART ML-124A

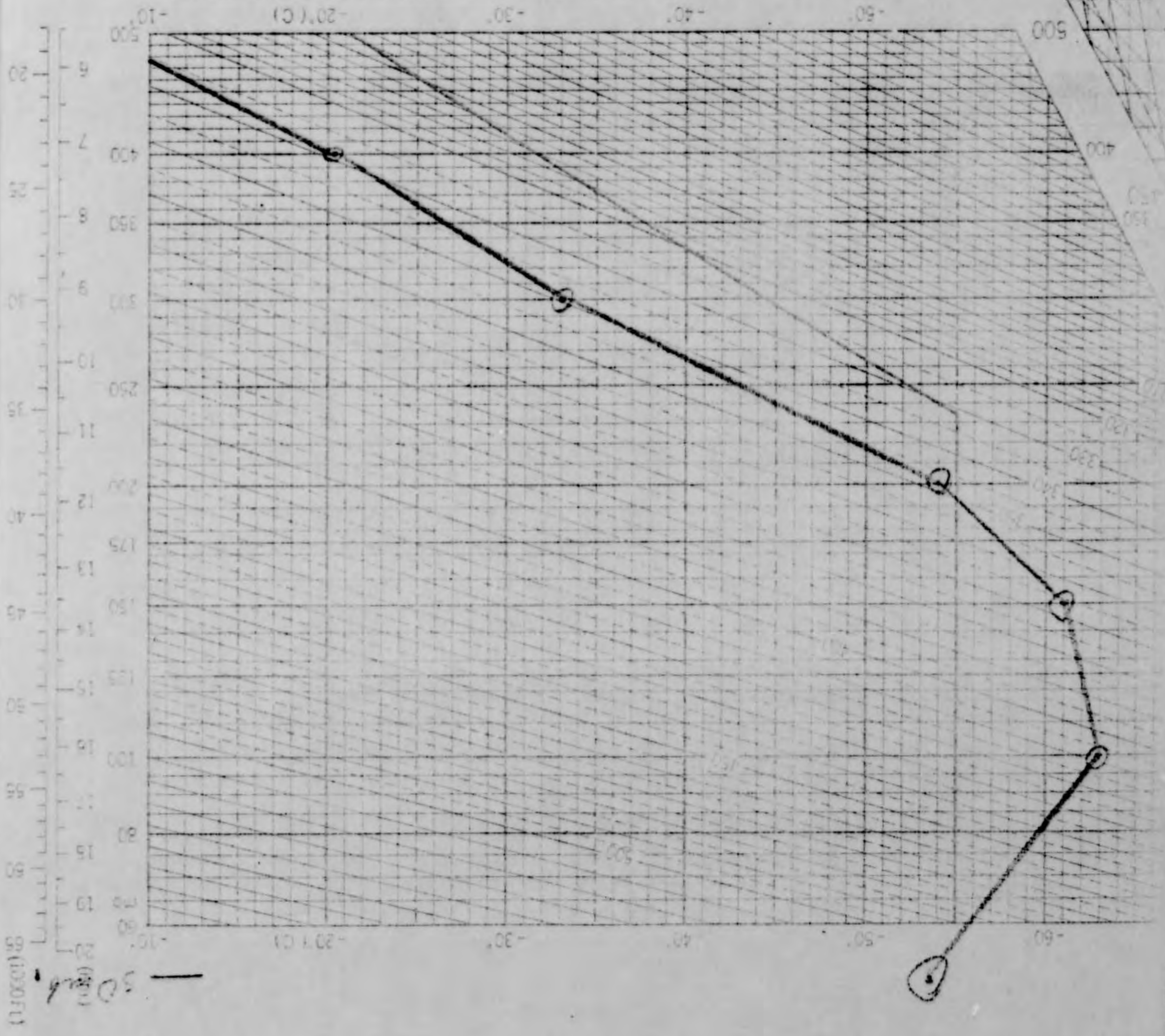
## LEGEND

- (1) Abscissas are temperatures ( $t$ ) in  $^{\circ}\text{C}$ .
  - (2) Ordinates are  $P^{1/\gamma}$  where  $P$  = pressure in mb.
  - (3) Sloping straight lines on base are dry adiabats, i. e., lines of constant potential temperature ( $\theta$ ).
  - (4) Broken, overprinted curves are pseudo-adiabats. Figures between are equivalent potential temperatures ( $\theta^*$ ) and potential pseudo-wet-bulb temperatures ( $t^*$ ).
  - (5) Unbroken, overprinted curves are lines of constant saturation mixing ratio in grams of water vapor per kilogram of dry air (assuming saturated conditions).
  - (6) The other two sets of curves are computed under the assumption that for all temperatures, including those below  $0^{\circ}\text{C}$ , saturation is with respect to a flat surface of liquid water.
  - (7) The printed curve on the base, passing through the point  $(15^{\circ}\text{C}, P=1013.25 \text{ mb})$ , represents the U. S. Standard Atmosphere pressure-temperature relationship. Stratospheric temperatures are assumed to be  $-55^{\circ}\text{C}$  at pressures less than 234.5 mb.
- Absolute temperatures are on the approximate absolute scale:  $T^{\circ}\text{A} = (273 + t^{\circ}\text{C})$ .

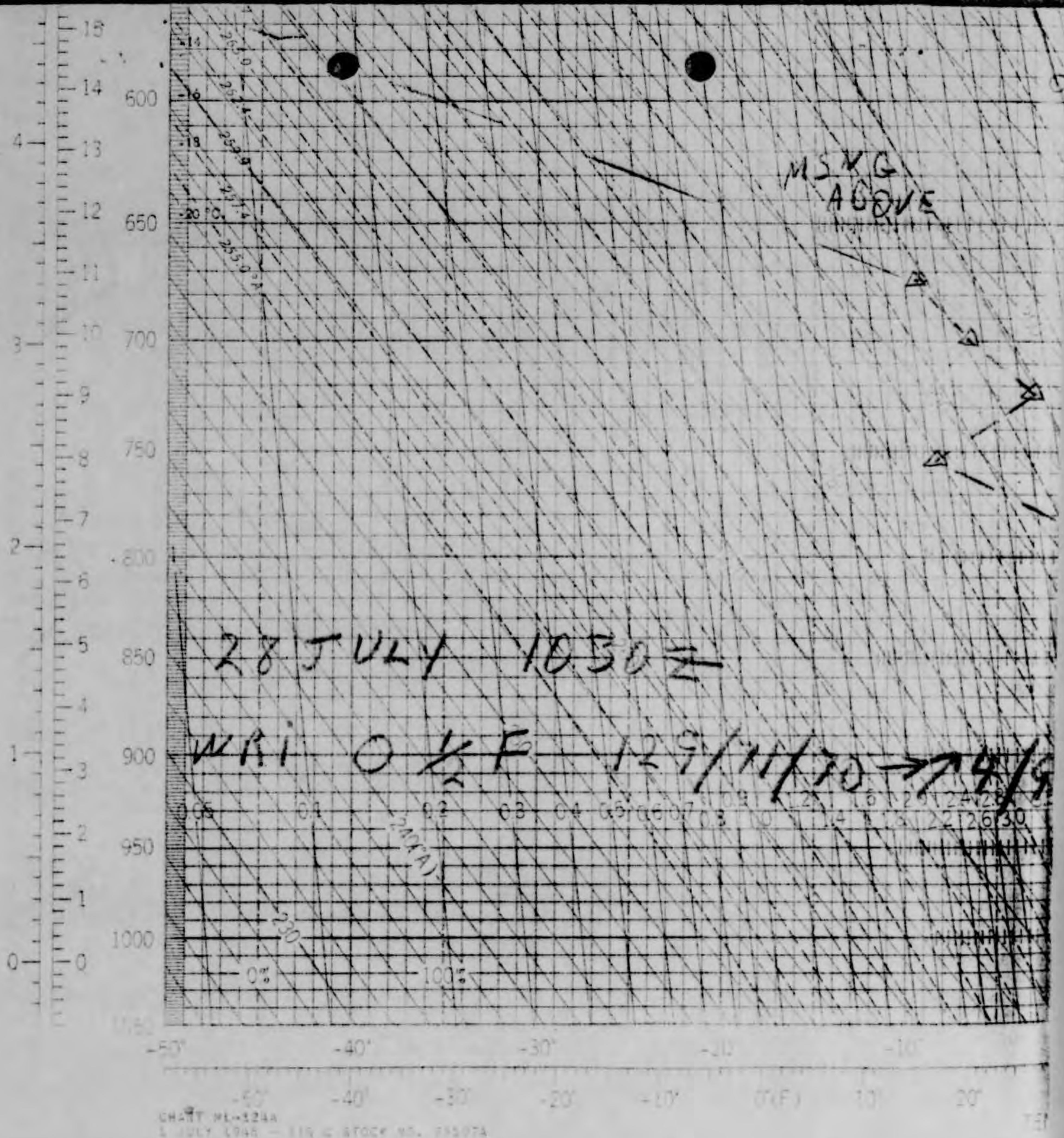




Station No: *H E M*  
 NAME: *Hemlock L.I.*









Date (Z): 28 JUL Hour: 0900z

Local Time: Station Height:

Plotted By: Time Completed:

